

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071719\
 Data File : VW011326.D
 Acq On : 18 Jul 2019 00:33
 Operator : SY/VA
 Sample : K3863-08
 Misc : 3.99G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52H2

Manual Integrations
 APPROVED

MMDadoda
 7/22/2019 1:44:52 AM

Quant Time: Jul 18 07:40:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 18 06:37:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	212869	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	153948	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	38637	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	50850	15.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.56%
7) Chloroethane-d5	2.88	69	45364	19.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.56%
10) 1,1-Dichloroethene-d2	4.01	63	91338	13.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.08%
20) 2-Butanone-d5	7.07	46	98895	77.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	154.48%#
24) Chloroform-d	7.64	84	140377	24.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.24%
26) 1,2-Dichloroethane-d4	8.31	65	98864	27.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.04%
29) Benzene-d6	8.27	84	261172	27.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.16%
33) 1,2-Dichloropropane-d6	9.27	67	97116	31.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	125.80%#
37) Toluene-d8	10.32	98	186738	22.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.40%
38) trans-1,3-Dichloropropene-	10.57	79	32771	24.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.80%
39) 2-Hexanone-d5	10.92	63	61588	86.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	173.92%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	82562	32.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	129.28%#
61) 1,2-Dichlorobenzene-d4	13.85	152	33420	22.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.12%

Target Compounds					Ovalue
13) Acetone	4.12	43	38363	30.675 ug/L	98
14) Carbon disulfide	4.38	76	6413	0.801 ug/L	99
15) Methyl Acetate	4.67	43	15766	7.747 ug/L #	78
21) 2-Butanone	7.17	43	9987	6.186 ug/L	96
22) cis-1,2-Dichloroethene	7.17	96	4137m	1.352 ug/L	
44) Toluene	10.38	91	8398	0.843 ug/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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